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PTO/SB/21 (05-03)

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/580,987
Filing Date	May 25, 2006
First Named Inventor	Zhiwen Zhang
Group Art Unit	
Examiner Name	
Attorney Docket Number	54-001021US

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): PTO-1449 form, and receipt acknowledgment postcard
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Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gary Baker, Reg. No. 41,595, Quine Intellectual Property Law Group P.C.
Signature	
Date	Oct 2, 2006

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Date	Oct. 2, 2006



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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By

  
Evelyn Gomez

Attorney Docket No. 54-001021US  
Client Ref. No. 1021.2 US / NOV0627P  
Novartis Ref. No.: 4-33962/SCR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Zhiwen Zhang, et al.

Application No.: 10/580,987

Filed: May 25, 2006

For: SELECTIVE INCORPORATION OF  
5-HYDROXYTRYPTOPHAN INTO  
PROTEINS IN MAMMALIAN  
CELLS

Examiner:

Art Unit:

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR § 1.97 and  
§ 1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

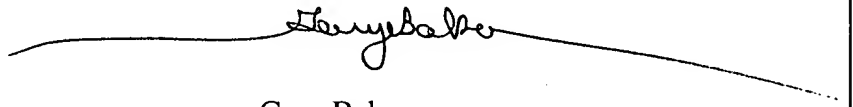
The references cited on the attached PTO-1449 form are being called to the attention of the Examiner to make of record references cited in parent application USSN 11/016,348 filed December 16, 2004. Pursuant to 37 CFR § 1.98(d), copies of references cited in parent application USSN 11/016,348 filed December 16, 2004 are not provided. However the applicants will gladly provide fresh copies of any references requested by the Examiner.

It is respectfully requested that the cited information on the attached 1449 form(s) be expressly considered during the prosecution of this application, and that references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

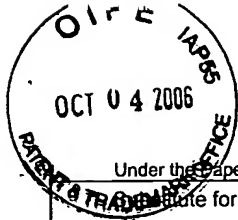
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Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Gary Baker", is written over a long, thin horizontal line that spans across the page.

Gary Baker  
Reg. No. 41,595

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
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PTO/SB/08A (08-03)

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Use for form 1449A-B/PTO

## INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	10/580,987
Filing Date	May 25, 2006
First Named Inventor	Zhiwen Zhang
Group Art Unit	
Examiner Name	
Attorney Docket Number	54-001021US
Date Submitted	October 2, 2006

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	1	7,045,337		Schultz et al.	05-2006	

## FOREIGN PATENT DOCUMENTS

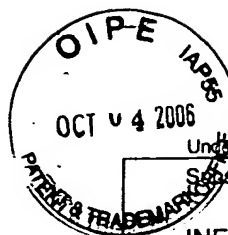
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	11/016348
Filing Date	December 16, 2004
First Named Inventor	Zhiwen Zhang
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	54-001020US
Date Submitted	March 22, 2005

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code (if known)			
	1	2003/0082575	A1	Schultz et al.	05-01-2003	
	2	2003/0108885	A1	Schultz et al.	06-12-2003	

**FOREIGN PATENT DOCUMENTS**

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	3	A. K. KOWAL, et al "Twenty-first aminoacyl-tRNA synthetase-suppressor tRNA pairs for possible use in site-specific incorporation of amino acid analogues into proteins in eukaryotes and in eubacteria", Proc. Natl. Acad. Sci. USA 98, 2268-2273 (2001).	
	4	SAKAMOTO et al., "Site-specific Incorporation of an Unnatural Amino Acid into Proteins in Mammalian Cells", N. A. Res., Vol. 30, No. 21 4692-4699, (2002).	

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STATEMENT BY APPLICANT

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Application Number	11/016348
Filing Date	December 16, 2004
First Named Inventor	Zhiwen Zhang
Group Art Unit	1632
Examiner Name	Unassigned
Attorney Docket Number	54-001020US
Date Submitted	February 16, 2006

U.S. PATENT DOCUMENTS

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	1	CHIN ET AL.(2003) "An Expanded Eukaryotic Genetic Code." <i>Science</i> , 301: 964-967.	
	2	PASTRNAK ET AL. (2000) "A New Orthogonal Suppressor tRNA/Aminoacyl-tRNA Synthetase Pair for Evolving an Organism with an Expanded Genetic Code." <i>Helvetica Chimica Acta</i> . 83: 2277-2286.	
	3	ULMASOV ET AL. (1998) "Identity elements and aminoacylation of plant tRNA <sup>Trp</sup> ." <i>Nucleic Acids Research</i> , 26(22): 5139-5141.	

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